

What is claimed is:

1. A liquid crystal display with optical disk drive control functions for a
5 notebook/tablet dual-purpose computer, the liquid crystal display comprising:
a liquid crystal display panel displaying contents of an optical disk playing in a
optical disk drive;
a plurality of control buttons disposed on the liquid crystal display to control the
optical disk drive; and
10 an option determining device disposed on the liquid crystal display to determine
a predetermined working function of the liquid crystal display and set
operation functions of the control buttons.
2. The liquid crystal display of claim 1, wherein the predetermined working
15 function comprises a function to change the liquid crystal display panel to a hand
writing panel when the option determining device sets the control buttons to operation
functions of a slate mode.
3. The liquid crystal display of claim 2, wherein the control buttons comprise a
20 security button, a function switch button, a screen orientation button, an escape button,
an enter button, a rolling up button, and a rolling down button.
4. The liquid crystal display of claim 1, wherein the predetermined working
function comprises a function to change the liquid crystal display panel to an image
25 output device of the optical disk drive when the option determining device sets the

control buttons to the operation functions of the optical disk drive.

5 5. The liquid crystal display of claim 4, wherein the control buttons directly control the optical disk drive while a central processing unit of the notebook/tablet dual-purpose computer is turned off.

6. The liquid crystal display of claim 4, wherein the control buttons comprise a play button and a stop button.

10 7. The liquid crystal display of claim 1, wherein the option determining device further comprises an option controller and an option inductor.

15 8. The liquid crystal display of claim 7, wherein the option controller and the option inductor dispose on the liquid crystal display and a computer base of the notebook/tablet dual-purpose computer, wherein the option controller and the option inductor determine the predetermined working function of the liquid crystal display and set the operation functions of the control buttons while the liquid crystal display is turned about 180 degrees and closed on the computer base to expose the liquid crystal display.

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9. The liquid crystal display of claim 8, wherein the option inductor comprises a reed switch.

25 10. The liquid crystal display of claim 9, wherein the option controller comprises a magnet.

11. A notebook/tablet dual-purpose computer comprising:

a computer base;

an optical disk drive mounted in the computer base;

5 an option inductor mounted in the computer base;

a rotation shaft coupling with the computer base; and

a liquid crystal display coupling with the rotation shaft, wherein the liquid crystal display further comprises:

10 a liquid crystal display panel demonstrating contents of an optical disk playing in the optical disk drive;

a plurality of control buttons disposed on the liquid crystal display to control the optical disk drive; and

15 an option controller disposed on the liquid crystal display, wherein the option inductor and the option controller determine a predetermined working function of the liquid crystal display and set operation functions of the control buttons.

12. The notebook/tablet dual-purpose computer of claim 11, wherein the option inductor and the option controller switch the liquid crystal display panel to a hand
20 writing panel and set the control buttons with operation functions of a slate mode.

13. The notebook/tablet dual-purpose computer of claim 11, wherein the option inductor and the option controller switch the liquid crystal display panel to a image output device of the optical disk drive and set the control buttons to operation functions
25 of the optical disk drive.

14. The notebook/tablet dual-purpose computer of claim 13, wherein the control buttons directly control the optical disk drive while a central processing unit of the notebook/tablet dual-purpose computer is turned off.

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15. The notebook/tablet dual-purpose computer of claim 13, wherein the control buttons comprise a play button and a stop button.

16. The notebook/tablet dual-purpose computer of claim 11, wherein the option inductor senses the option controller while the liquid crystal display is turned about 180 degrees and closed on the computer base.

17. The notebook/tablet dual-purpose computer of claim 11, wherein the option inductor comprises a reed switch and the option controller comprises a magnet.

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18. A liquid crystal display with optical disk playing functions comprising:

a notebook/tablet dual-purpose computer, wherein the notebook/tablet dual-purpose computer further comprises:

a computer base;

20 an optical disk drive mounting in the computer base;

a rotation shaft coupling with the computer base; and

a liquid crystal display coupling with the rotation shaft, the liquid crystal display rotating around the rotation shaft and demonstrating contents of an optical disk playing in the optical disk drive;

25 a plurality of control buttons disposed on the liquid crystal display; and

an option determining device disposed on the liquid crystal display to determine functions of the liquid crystal display and the control buttons, wherein the control buttons directly control the optical disc drive without turning on a central processing unit of the notebook/tablet dual-purpose computer if the option determining device sets the control buttons to have optical disk drive control functions.

19. The liquid crystal display with optical disk playing functions of claim 18, wherein the liquid crystal display further comprises a display shelf coupling with the notebook/tablet dual-purpose computer playing the optical disk content on the display shelf.

20. The liquid crystal display with optical disk playing functions of claim 19, wherein the control buttons further comprise a play button, a stop button and a fast forward button.